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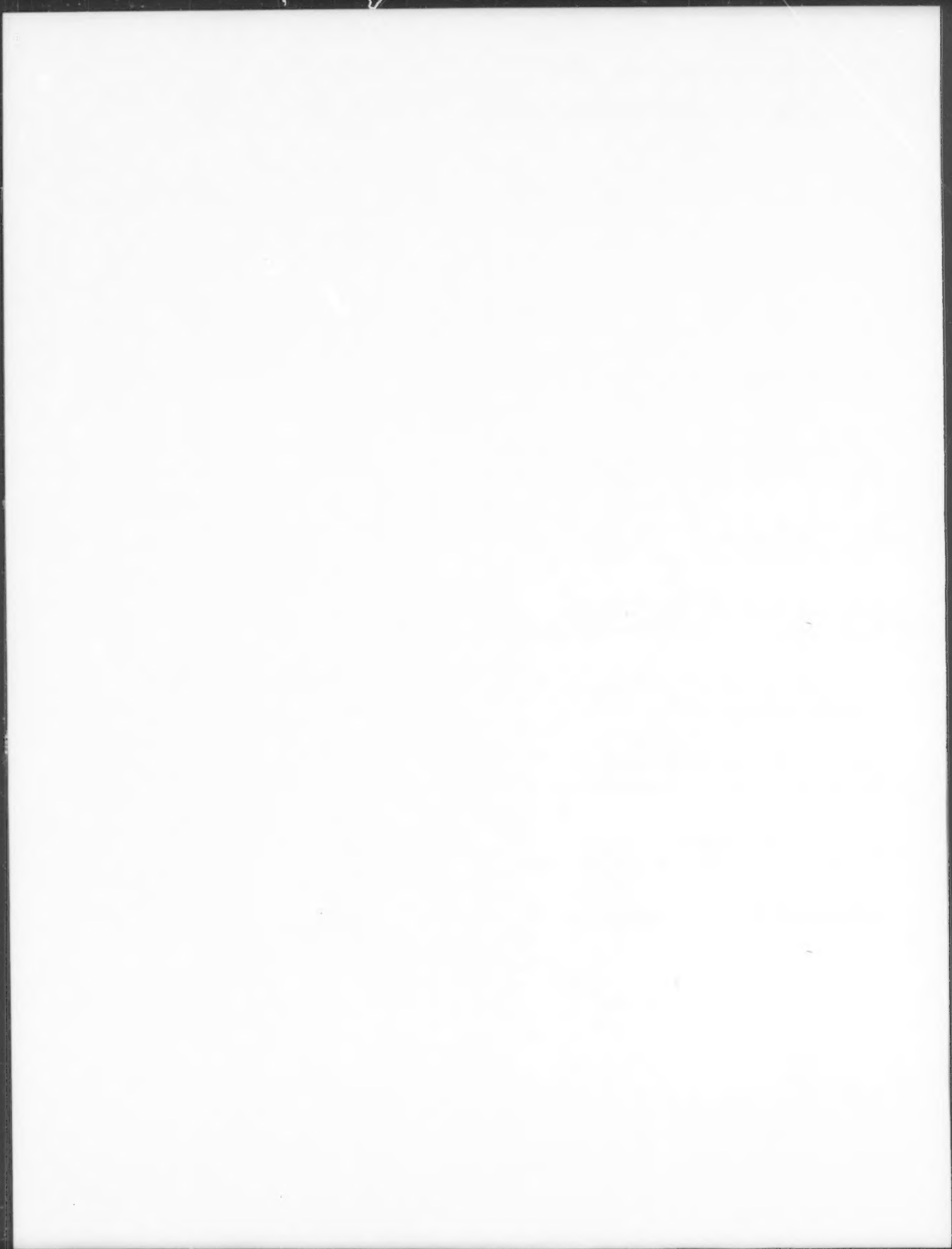
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Advances in Physiology Education



# American Journal of Physiology: Cell Physiology

No. 1. JANUARY 1990

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## CORRIGENDA

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Pages G709-G714: J. R. Grider. "Tachykinins as transmitters of ascending contractile component of the peristaltic reflex." Page G711: Fig. 1 should appear as follows:

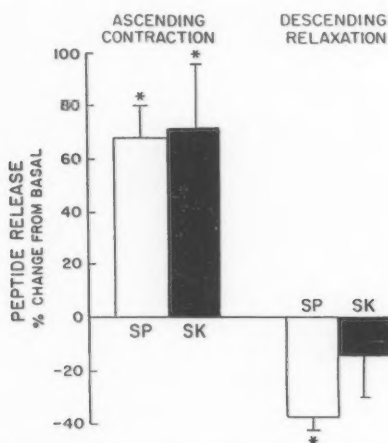


FIG. 1. Release of substance P (SP) and substance K (SK) from isolated rat colonic segments during ascending contraction and descending relaxation. The two components of the peristaltic reflex were elicited separately as outlined in MATERIALS AND METHODS. Data are means  $\pm$  SE of 5-10 experiments. \*  $P < 0.02$ .

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# CORRIGENDA

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Volume 23, June 1988

Page H1107: L. D. Segel and J. L. Ensunsa. "Albumin improves stability and longevity of perfluorochemical-perfused hearts." The stroke work data and CVR units in Table 2 should appear as follows.

TABLE 2. Initial function of working rabbit hearts

	FL + 3.4 HES	FL + Albumin	FL + 0.8 HES	FL
LVSP, mmHg	98±3	102±1	97±1	101±2
dP/dt <sub>max</sub> , mmHg/ms	2.61±0.16	2.71±0.06	2.39±0.05	2.74±0.16
-dP/dt <sub>max</sub> , mmHg/ms	1.97±0.11	2.05±0.15	1.97±0.09	1.88±0.14
Aortic flow, ml·min <sup>-1</sup> ·g dry wt <sup>-1</sup>	302±26	252±34	318±11	337±19
AF rate <sub>max</sub> , ml/min	767±24	785±54	770±28	777±27
Coronary flow, ml·min <sup>-1</sup> ·g dry wt <sup>-1</sup>	42.3±3.7	38.4±4.5 <sup>a</sup>	54.4±2.8 <sup>A</sup>	53.5±3.4 <sup>A</sup>
MVO <sub>2</sub> , ml O <sub>2</sub> ·min <sup>-1</sup> ·g dry wt <sup>-1</sup>	0.71±0.08	0.70±0.06	0.82±0.03	0.80±0.05
Power <sub>max</sub> , joules·s <sup>-1</sup> ·g dry wt <sup>-1</sup>	0.170±0.015	0.158±0.016	0.171±0.006	0.198±0.014
Stroke work, joules/g dry wt	0.0173±0.0017	0.0150±0.0020	0.0174±0.0008	0.0189±0.0018
Efficiency, %	21.8±1.2	19.1±2.2	19.5±0.8	21.9±1.0
Heart rate, beats/min	187±1	184±1	195±4	198±11
O <sub>2</sub> supply, ml O <sub>2</sub> ·min <sup>-1</sup> ·g dry wt <sup>-1</sup>	1.92±0.17	1.69±0.17 <sup>b</sup>	2.52±0.13 <sup>B</sup>	2.48±0.17 <sup>B</sup>
O <sub>2</sub> supply-to-utilization	2.74±0.12	2.56±0.48	3.15±0.16	3.16±0.31
CVR, mmHg·ml <sup>-1</sup> ·min <sup>-1</sup> ·g dry wt <sup>-1</sup>	1.02±0.09 <sup>c</sup>	1.25±0.15 <sup>c</sup>	0.78±0.05 <sup>C</sup>	0.77±0.04 <sup>C</sup>
LV end-diastolic pressure, mmHg	4.4±0.3	3.7±0.5	5.6±1.2	5.3±0.4
Antegrade perfusion time at which initial function was recorded, min	31±3	34±6	28±1	32±4

Values are means ± SE. Data were analyzed by one-way analysis of variance followed by Tukey's procedure. Values designated by lower case letters are significantly different from those designated by the corresponding upper case letters. See text for abbreviations.

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Page H587: B. J. B. Grant and L. J. Paradowski. "Characterization of pulmonary arterial input impedance with lumped parameter models." Equations 5 and 6 should appear as the following.

$$Z_{MR}(\omega) = R_1 + [R_2 + \omega^2 C^2 R_2 R_3 (R_2 + R_3)] / [1 + \omega^2 C^2 (R_2 + R_3)^2] \quad (5)$$

$$Z_{MI}(\omega) = \omega L - \omega C R_2^2 / [1 + \omega^2 C^2 (R_2 + R_3)^2] \quad (6)$$



# American Journal of Physiology: Regulatory, Integrative and Comparative Physiology

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No. 1. JANUARY 1990

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## CORRIGENDA

*Volume 258, January 1990*

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*Pages R288–R290: Letters to the Editor, Reply, R. J. Connett and C. R. Honig. "Metabolic control in exercising skeletal muscle." The sentence beginning at the very bottom of page R289 and continuing at the top of page R290 should read: "The salient feature of the system is that the concentrations of ADP, ATP, PCr, Cr, and  $P_i$  are so interdependent through the actions of creatine kinase and adenylate kinase that the system has only one degree of freedom: measurement of change in any one of the above compounds completely defines the change in any of the others (1)."*

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*Pages F310-F314: Marie Elisabeth Stoeckel and Marie Jose Freund-Mercier.  
"Autoradiographic demonstration of oxytocin-binding sites in the macula densa."  
We regret that the authors' corrections were not included in the final page proof.*

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			4	osmium tetroxide	oxytocin
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			6	× 430	×360
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